



P.O. Box 51450
Idaho Falls, Idaho 83405
(208) 523-6600
Fax (208) 523-6021

Equal Opportunity Employer

Fax

RECEIVED

MAY 25 2007

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF IDAHO

To: Cheryl A Robinson, P.E. **From:** Clarence @ H K Contractors, Inc.

Fax: 208-373-0340 **Pages:** 5 Pages, including cover sheet

Phone: 208-373-0220 **Date:** 5/22/2007

Re: Revised PTC for Hot Mix Plant – IF Plant **CC:**

☒ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

Dear Ms. Robinson:

Transmitted herewith is a copy of the revised PTC # P-2007-0069 with the revisions requested by Cheryl Robinson. I will follow with a hard copy and a copy of the vicinity map as requested also.

If there are any other required documents, maps or calculations you need please call me at 208-523-6600 and I will be glad to assist you.

Sincerely,

Clarence H Davis
Permits & Environmental Administrator
H K Contractors, Inc.
P.O. Box 51450
Idaho Falls, Idaho 83405

208-523-6600 (office)
208-523-6021 (fax)
208-317-8612 (cell)
clarencedavis@hkcontractors.com

**PERMIT TO CONSTRUCT (PTC) APPLICATION
For Hot-Mix Asphalt Plants**

FORM AQ-F-P007

PTC APPLICATION OVERVIEW

This application is for the construction and operation of portable and stationary hot-mix asphalt plants in all areas of Idaho except the Sandpoint PM₁₀ nonattainment area. If you are planning to locate in the Sandpoint PM₁₀ nonattainment area, prior to submitting an application please call 208-373-0502 and ask to speak with the Air Quality Permit Coordinator for the Coeur d'Alene region.

PTC APPLICATION INSTRUCTIONS

1. **Application.** Complete the attached PTC application.
2. **Portable Equipment Registration and Relocation Form.** Complete the Portable Equipment Registration and Relocation Form (PERF). An electronic copy of the PERF can be obtained from the DEQ website http://www.deq.idaho.gov/air/permits_forms/forms/forms.cfm. It is important to be aware that in addition to being submitted with this PTC application, a PERF must also be completed and filed at DEQ at least 10 days in advance of relocating any of the equipment covered in this application.
3. **Fees.** In accordance with the *Rules for the Control of Air Pollution in Idaho* (IDAPA 58.01.01.224 and .226), DEQ cannot process this application unless it is accompanied by a one thousand dollar (\$1,000) application fee. If the purpose of this permit is to change the name or ownership of the holder of a PTC when DEQ determines no other review or analysis is required, the application fee is waived. The rules can be accessed through the DEQ website http://www.deq.idaho.gov/rules/admin_rules.cfm#links.
4. **Mail.** Please mail the completed PTC application, PERF form, and the \$1,000 application fee to the address below. The processing of this PTC application cannot commence without payment.

Department of Environmental Quality
Permit to Construct Fees – Fiscal Office
1410 North Hilton
Boise, ID 83706-1255

PERMIT TO CONSTRUCT (PTC) APPLICATION For Hot-Mix Asphalt Plants

FORM AQ-F-P007

Please be sure to read the instructions on page one prior to completing this application form.

GENERAL INFORMATION

Company Name:	H K Contractors, Inc.		
Mailing Address:	P.O. Box 51450		
City:	Idaho Falls	State:	Idaho
Zip Code:	83405	County:	Bonneville County
General Nature of Business & Products:	General Contractor - Underground Utility, Gravel & Asphalt & Etc.		

Contact Name, Title:	Larry Ritter / Asphalt General Superintendent		
Phone:	208-523-6600	Cell:	208-317-8627
Email:	larryritter@hkcontractors.com		

Owner or Responsible Official Name, Title:	Wade Foster / Owner	Clarence H Davis / Permits
Phone:	208-523-6600	208-523-6600
Email:	wadefoster@hkcontractors.com	clarencedavis@hkcontractors.com

Proposed Initial Plant Location:	1523 East 49 th North		
Nearest City:	Idaho Falls	Estimated Startup Date:	4/1/2007
County:	Bonneville		

Reason for Application:	<input type="checkbox"/> Permit to construct a new source <input type="checkbox"/> Permit to operate an existing unpermitted source <input checked="" type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below)		
	Permit No.:	019-00031	
	Issue Date:	June 28, 1999	
	Facility ID:	135 Hot Plant	
<input checked="" type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.			
Comments: Changing Burner Fuel Type and Changing from a 360 Burner to a 520 Burner			

PERMIT TO CONSTRUCT (PTC) APPLICATION For Hot-Mix Asphalt Plants

FORM AQ-F-P007

HOT-MIX ASPHALT PLANT INFORMATION

Manufacturer:	Barber Green	Model:	DM-60
Manufacture Date:	1968	Type HMA Plant:	<input checked="" type="checkbox"/> Drum Mix <input type="checkbox"/> Batch Mix
Maximum Hourly Asphalt Production:	400 (tons/hour)		
Requested Annual Asphalt Production:	3,504,000 <u>1,752,000</u> (tons/year)		
Burner Fuel Type:	Used Oil, Propane, #2 Fuel Oil, Nat Gas (natural gas, #2 fuel oil, etc)		
Maximum Burner Fuel Usage Rate:	500 <input type="checkbox"/> scf/hour or <input checked="" type="checkbox"/> gallons/hour		
Type Air Pollution Control Device:	Scrubber (baghouse, scrubber, etc.)		
Control Device Manufacturer:	Barber Green	Model:	CV-70
Stack Parameters:	Stack Height from Ground (ft): <u>28</u> Stack Exhaust Flow Rate (acfm): <u>45,000</u> Stack Inside Diameter (ft): <u>8.0'</u> Stack Exhaust Gas Temperature (°F): <u>135</u>		

ASPHALT TANK HEATER

Fuel Type:	Natural gas (natural gas, #2 fuel oil, etc)		
Maximum Fuel Usage Rate:	15 (units/hour) 50,400 (units/year) <input type="checkbox"/> gallons <input checked="" type="checkbox"/> ft ³ <input type="checkbox"/> other:		
Type Air Pollution Control Device:	none <input type="checkbox"/> MMBtu <input type="checkbox"/> HP		
Stack Parameters:	Stack Height from Ground (ft): <u>9</u> Stack Exhaust Flow Rate (acfm): <u>?</u> Stack Inside Diameter (ft): <u>0.388</u> Stack Exhaust Gas Temperature (°F): <u>300</u>		

Is this an NSPS-affected facility? ☐ Yes ☒ No

To determine if the HMA facility is a New Source Performance Standards (NSPS)-affected facility, consider the following:

Were any of the following constructed or modified after June 11, 1973, such that the equipment becomes an affected facility as defined in 40 Code of Federal Regulations, Part 60, Section 90 (40 CFR 60.90) *Standards of Performance for Hot-Mix Asphalt Facilities*:

- Dryers
- Systems for screening, handling, storing, and weighing of hot aggregate
- Systems for loading, transferring, and storing of mineral filler
- Systems for mixing hot-mix asphalt
- Leading, transfer, and storage systems associated with emission control systems

Modification is defined in 40 CFR 60.14. The Code of Federal Regulations can be accessed from the website <http://www.gpoaccess.gov/cfr/>.

Has a performance test been conducted in accordance with 40 CFR 60.93 that demonstrates particulate matter emissions are less than or equal to 0.04 gr/dscf (grains per dry standard cubic foot) at the HMA stack?

☒ Yes ☐ No

If Yes, state the date the test was conducted: 8/8/2000.

Provide a copy of the performance test results with this application if you want DEQ to consider it in determining the frequency of performance testing requirements for your hot-mix asphalt plant.

PERMIT TO CONSTRUCT (PTC) APPLICATION For Hot-Mix Asphalt Plants

FORM AQ-F-P007

ELECTRICAL GENERATOR SET INFORMATION (IF APPLICABLE)

Manufacturer:	N/A		Model:	N/A	
Maximum Rated Capacity:	N/A	<input type="checkbox"/> Hp	<input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane				
Maximum Fuel Usage Rate:	N/A	<input type="checkbox"/> gal./hr.	<input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	N/A (hours/day)				
Maximum Annual Hrs. of Operations:	N/A (hours/year)				
Stack Parameters:	Stack Height from Ground (ft): <u>N/A</u>		Stack Exhaust Flow Rate (acfm): <u>N/A</u>		
	Stack Inside Diameter (ft): <u>N/A</u>		Stack Exhaust Gas Temperature (°F): <u>N/A</u>		

Manufacturer:	N/A		Model:	N/A	
Maximum Rated Capacity:	N/A	<input type="checkbox"/> Hp	<input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane				
Maximum Fuel Usage Rate:	N/A	<input type="checkbox"/> gal./hr.	<input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	N/A (hours/day)				
Maximum Annual Hrs. of Operations:	N/A (hours/year)				
Stack Parameters:	Stack Height from Ground (ft): <u>N/A</u>		Stack Exhaust Flow Rate (acfm): <u>N/A</u>		
	Stack Inside Diameter (ft): <u>N/A</u>		Stack Exhaust Gas Temperature (°F): <u>N/A</u>		

☒ \$1,000 PTC application fee enclosed

Certification of Truth, Accuracy, and Completeness (by Responsible Official)

I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.

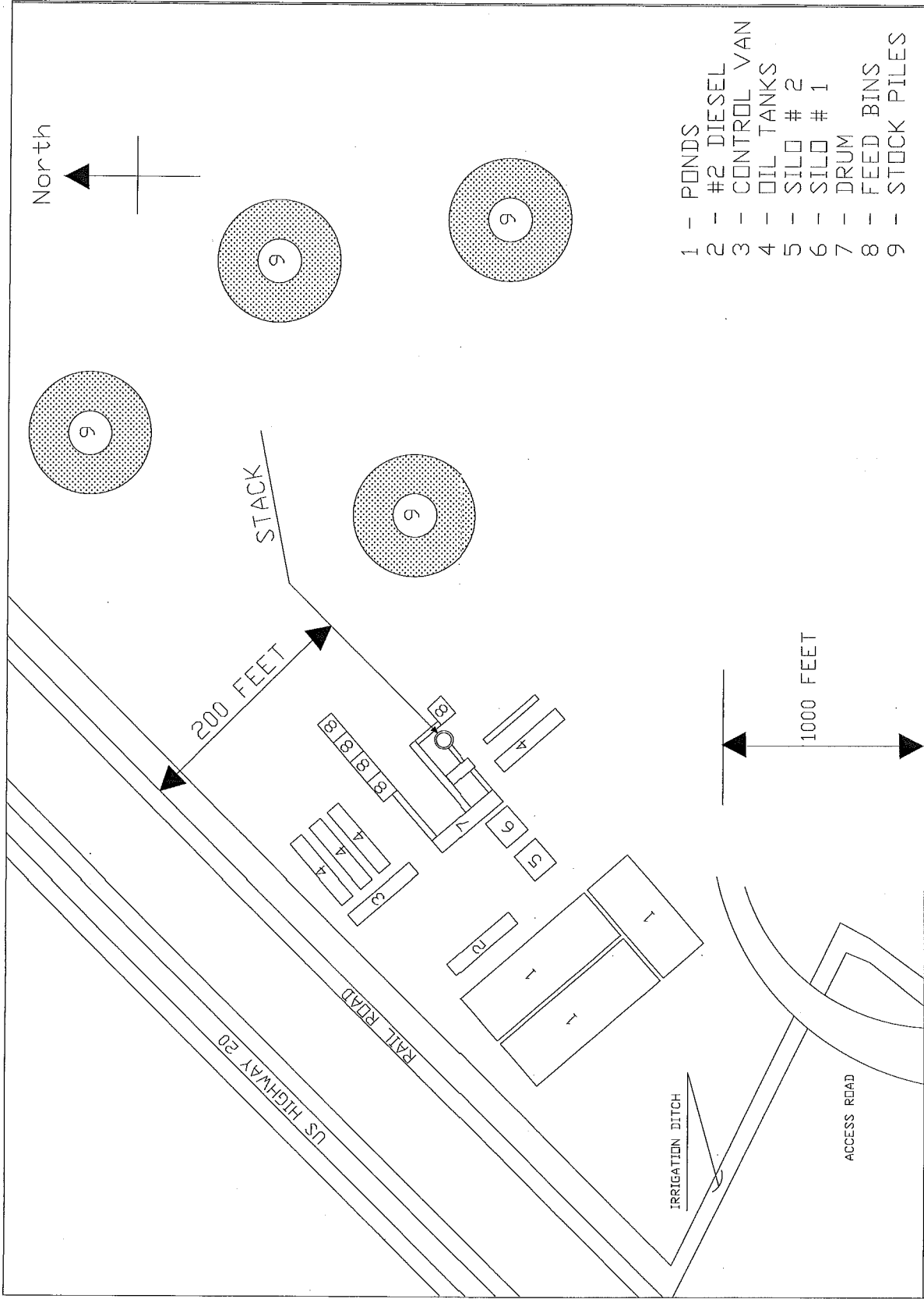
Clarence H Davis
Responsible Official Signature

Permits & Environmental Administrator
Responsible Official Title

04/20/07
Date

Clarence H Davis
Print or Type Responsible Official Name

05/22/07



H K CONTRACTORS, INC.	135 HOT PLANT LAYOUT	NOT TO SCALE DRAWN BY: CHD II
WILLOWCREEK PIT		
IDAHO FALLS, IDAHO		
MAY 22, 2007		